



1600

44-1600  
 RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/753,350

DATE: 11/27/2002  
 TIME: 10:33:11

RECEIVED  
 DEC 10 2002  
 TECH CENTER 1600/2900

Input Set : A:\EP.txt  
 Output Set: N:\CRF4\11272002\I753350.raw

4 <110> APPLICANT: Coutts, Stephen  
 5 Jones, David S.  
 6 Livingston, Douglas A.  
 7 Yu, Bin  
 9 <120> TITLE OF INVENTION: CONJUGATES OF T CELL EPITOPE DEFICIENT IMMUNOGEN ANALOGS FOR  
 HUMORAL  
 10 ANERGY AND CHEMICALLY DEFINED NON-POLYMERIC VALENCE PLATFORM MOLECULES  
 12 <130> FILE REFERENCE: 252312005706  
 14 <140> CURRENT APPLICATION NUMBER: US 09/753,350  
 15 <141> CURRENT FILING DATE: 2000-12-29  
 17 <150> PRIOR APPLICATION NUMBER: US 08/769,041  
 18 <151> PRIOR FILING DATE: 1996-12-18  
 20 <150> PRIOR APPLICATION NUMBER: US 08/453,254  
 21 <151> PRIOR FILING DATE: 1995-05-30  
 23 <150> PRIOR APPLICATION NUMBER: US 08/152,506  
 24 <151> PRIOR FILING DATE: 1993-11-15  
 26 <150> PRIOR APPLICATION NUMBER: US 07/914,869  
 27 <151> PRIOR FILING DATE: 1992-07-15  
 29 <150> PRIOR APPLICATION NUMBER: US 07/494,118  
 30 <151> PRIOR FILING DATE: 1990-03-13  
 32 <150> PRIOR APPLICATION NUMBER: US 07/466,138  
 33 <151> PRIOR FILING DATE: 1990-01-16  
 35 <150> PRIOR APPLICATION NUMBER: US 08/118,055  
 36 <151> PRIOR FILING DATE: 1993-09-08  
 38 <160> NUMBER OF SEQ ID NOS: 9  
 40 <170> SOFTWARE: FastSEQ for Windows Version 4.0  
 42 <210> SEQ ID NO: 1  
 43 <211> LENGTH: 26  
 44 <212> TYPE: PRT  
 45 <213> ORGANISM: Apis cerana  
 47 <220> FEATURE:  
 48 <221> NAME/KEY: AMIDATION  
 49 <222> LOCATION: 26  
 50 <223> OTHER INFORMATION: Gln attached to an Amide  
 52 <400> SEQUENCE: 1  
 53 Gly ile Gly Ala Val Leu Lys Val Leu Thr Thr Gly Leu Pro Ala Leu  
 54 1 5 10 15  
 55 Ile Ser Trp Ile Lys Arg Lys Arg Gln Xaa  
 56 20 25  
 58 <210> SEQ ID NO: 2  
 59 <211> LENGTH: 8  
 60 <212> TYPE: PRT  
 61 <213> ORGANISM: Apis cerana  
 63 <400> SEQUENCE: 2

ENTERED

WU> 55 Ile Ser Trp Ile Lys Arg Lys Arg Gln Xaa  
 56 20 25  
 58 <210> SEQ ID NO: 2  
 59 <211> LENGTH: 8  
 60 <212> TYPE: PRT  
 61 <213> ORGANISM: Apis cerana  
 63 <400> SEQUENCE: 2

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/753,350

DATE: 11/27/2002  
TIME: 10:35:11

Input Set : A:\EP.txt  
Output Set: N:\CRF4\11272002\I753350.raw

64 Ile Lys Arg Lys Arg Gln Gln Gly  
65 1 5  
67 <210> SEQ ID NO: 3  
68 <211> LENGTH: 9  
69 <212> TYPE: PRT  
70 <213> ORGANISM: Apis cerana  
72 <400> SEQUENCE: 3  
73 Trp Ile Lys Arg Lys Arg Gln Gln Gly  
74 1 5  
76 <210> SEQ ID NO: 4  
77 <211> LENGTH: 10  
78 <212> TYPE: PRT  
79 <213> ORGANISM: Apis cerana  
81 <400> SEQUENCE: 4  
82 Ser Trp Ile Lys Arg Lys Arg Gln Gln Gly  
83 1 5 10  
85 <210> SEQ ID NO: 5  
86 <211> LENGTH: 11  
87 <212> TYPE: PRT  
88 <213> ORGANISM: Apis cerana  
90 <400> SEQUENCE: 5  
91 Ile Ser Trp Ile Lys Arg Lys Arg Gln Gln Gly  
92 1 5 10  
94 <210> SEQ ID NO: 6  
95 <211> LENGTH: 12  
96 <212> TYPE: PRT  
97 <213> ORGANISM: Apis cerana  
99 <400> SEQUENCE: 6  
100 Cys Ile Ser Trp Ile Lys Arg Lys Arg Gln Gln Gly  
101 1 5 10  
103 <210> SEQ ID NO: 7  
104 <211> LENGTH: 10  
105 <212> TYPE: PRT  
106 <213> ORGANISM: Artificial Sequence  
108 <220> FEATURE:  
109 <223> OTHER INFORMATION: Synthetic peptide derived from melittin  
111 <400> SEQUENCE: 7  
112 Cys Trp Ile Lys Arg Lys Arg Gln Gln Gly  
113 1 5 10  
115 <210> SEQ ID NO: 8  
116 <211> LENGTH: 11  
117 <212> TYPE: PRT  
118 <213> ORGANISM: Artificial Sequence  
120 <220> FEATURE:  
121 <223> OTHER INFORMATION: Synthetic peptide derived from melittin  
123 <400> SEQUENCE: 8  
124 Trp Ile Lys Arg Lys Arg Gln Gln Lys Cys Gly  
125 1 5 10  
127 <210> SEQ ID NO: 9

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/753,350

DATE: 11/27/2002  
TIME: 10:33:11

Input Set : A:\EP.txt  
Output Set: N:\CRF4\11272002\I753350.raw

128 <211> LENGTH: 12  
129 <212> TYPE: PRT  
130 <213> ORGANISM: Artificial Sequence  
132 <220> FEATURE:  
133 <223> OTHER INFORMATION: Synthetic peptide derived from melittin  
135 <400> SEQUENCE: 9  
136 Cys Ile Ser Trp Ile Lys Arg Lys Arg Gln Gln Gly  
137 1 5 10

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/753,350

DATE: 11/27/2002  
TIME: 10:33:12

Input Set : A:\EP.txt  
Output Set : N:\CRF4\11272002\I753350.raw

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; Xaa Pos. 26